

## TELEFAX COVER SHEET

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TO: Commissioner of PatentsFAX NO.: 703-872-9306FROM: Kin-Wah TongDATE: August 24, 2004

The following has been received in the U.S. Patent and Trademark Office on the date of this facsimile:

POWER OF ATTORNEYCERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. §1.8I hereby certify that this correspondence is being transmitted by facsimile to the Commissioner for  
Patents, Alexandria, VA 22313-1450 on August 24, 2004 Facsimile No. (703) 872-9306.Barbara J. Jackson  
Name of person signing this certificateBarbara J. Jackson 8/24/04  
Signature and date

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COMMISSIONER FOR PATENTS  
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Dear Sir:

**CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. §1.8**

I hereby certify that this correspondence is being transmitted by facsimile to the Commissioner for Patents, Box 1450, Alexandria, VA 22313 on August 24, 2004, Facsimile No. 703-872-9306

Barbara JacksonName of person  
signing this certificateBarbara Jackson  
Signature and date**POWER OF ATTORNEY**

Applicant hereby appoints the practitioners associated with the Customer Number 26291 with full power of substitution and revocation, to prosecute the following applications and all future applications listed on Exhibit A, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent.

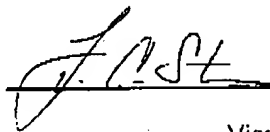
Please direct all correspondence to the address associated with Customer Number 26291.

Please direct all telephone calls to:

Kin-Wah Tong (732) 530-9404

I am the assignee of record of the entire interest for each matter listed on Exhibit A.

Executed this 23<sup>rd</sup> day of August, 2004.



Lewis A. Stevenson  
Vice President and Secretary  
Next Level Communications, Inc.

EXHIBIT A

<u>Title</u>	<u>TPL Docket Number</u>	<u>Serial Number</u>	<u>Assignee Name</u>	<u>Current Firm</u>
FTTC interface circuitry as a physical layer entity	NP2007	60/003,464	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Preamble for burst mode reception	NP2008	60/005,444	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
System, method, and apparatus for bidirectional transport of digital data between a digital network and a plurality of devices	P700-00	08/430,730	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
FTTC interface circuitry as a physical layer entity	P701-00	08/706,573	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Burst mode preamble	P702-00	08/728,947	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
In-home communication system	P703-00	08/621,573	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Cell grant mechanism	P705-00	08/749,913	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Cell grant mechanisms in ATM based systems	P705PRV	60/006,953	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Optical network unit (ONU) mechanical enclosure	P706-00	08/647,436	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Fiber management system and method for routing optical fiber having a minimum bend radius	P707-00	08/624,039	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Hex and quad line cards for POTs, ISDN and coin services	P708-00	60/011,242	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Line cards for UVG, coin, ISDN, and special services	P708-01	08/795,271	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.

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<u>Title</u>	<u>TPL Docket Number</u>	<u>Serial Number</u>	<u>Assignee Name</u>	<u>Current Firm</u>
Quarter-turn fastener and method for making same	P709-00	08/628,114	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Slotted 1/4 turn fastener	P709PRV	60/011,243	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Synchronization and downconversion in TDM/TDMA system	P710-00	08/794,791	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Synchronization and downconversion in TDM/TDMA systems	P710PRV	60/028,326	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Synchronization in TDM/TDMA system	P710-PRV	60/011,244	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Burst mode receiver	P711-00	08/728,949	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Method and apparatus for reliable operation of universal voice grade cards	P712-00	08/795,184	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Method and apparatus for establishing communication on a FTTC network	P714-00	08/775,665	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Communication equipment enclosure	P715-00	29/053,798	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Housing for electronic components (BIU Cassette)	P716-00	29/059,667	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Housing for electronic components (TIU Cassette)	P717-00	29/053,819	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
System and method for managing fiber-to-the-curb network elements	P718-00	08/711,027	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
System and method for managing network elements	P718-04	09/336,007	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Digital video transport error handling in cell based communications systems	P719-00	08/856,674	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.

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<u>Title</u>	<u>TPL Docket Number</u>	<u>Serial Number</u>	<u>Assignee Name</u>	<u>Current Firm</u>
In-home wireless	P721-00	09/026,038	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
In-Home Wireless	P721-01	09/026,038	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
In-home wireless	P721PRV	60/038,426	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Video, data, and telephony gateway	P722-00	60/038,276	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Video, data, and telephony gateway	P722-01	09/026,036	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Video, data and telephony gateway	P722-02	09/488,275	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Unified access platform	P723-00	60/043,811	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Unified access platform	P723-01	08/905,775	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Housing for electronic components	P725-00	29/071,581	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Housing for electronic components	P726-00	29/079,335	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Multiple dwelling unit communication enclosure	P727-00	29/079,333	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Universal services access multiplexer enclosure	P728-00	29/079,340	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Communication equipment enclosure	P729-00	29/079,334	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Channel changer for use in a switched digital video system	P730-00	08/915,467	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Method and apparatus for identifying signals for a set of communication devices in a signal stream	P731-00	08/905,822	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.

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<u>Title</u>	<u>TPL Docket Number</u>	<u>Serial Number</u>	<u>Assignee Name</u>	<u>Current Firm</u>
having signals for a number of different sets of communication devices				
Method and apparatus for securing communications cable to an enclosure	P732-00	09/235,473	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Method and apparatus for holding and grounding buried service cable	P733-00	09/236,367	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Method and apparatus for the generation of analog telephone signals in digital subscriber line access system (voice in ATM over DSL)	P735-00	09/231,665	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Method and apparatus for cross-connection of video signals	P737-00	09/272,067	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Method and Apparatus for Cross-Connection of Video Signals	P737-11	10/170,514	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Method and apparatus for reliable reception of VDSL signals	P738-00	09/459,755	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Proxy methods for IP address assignment	P739-00	60/173,855	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Proxy methods for IP address assignment and universal access mechanism	P739-10	09/745,496	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Test circuit and method for determining the operating status of a coaxial cable	P740-00	09/205,639	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
QAM-based rate adaptive digital subscriber line system	P741-00	60/123,716	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Method and system for reducing capacitive imbalance in telecommunications transmission systems	P743-00	09/498,688	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.

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<u>Title</u>	<u>TPL Docket Number</u>	<u>Serial Number</u>	<u>Assignee Name</u>	<u>Current Firm</u>
Method for dealing with missing or untimely synchronization signals in digital communications systems ("MPEG")	P744-00	09/583,947	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Method for dealing with missing or untimely synchronization signals in digital communications systems	P744-11	10/235,533	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Method and apparatus for test and verification of field and terminal equipment	P745-00	09/550,385	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Switchless high efficiency amplifier	P746-00	09/488,276	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Method and apparatus for transmitting wireless signals over a media	P747-00	09/525,488	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Method and Apparatus for Transmitting Wireless Signals over Media	P747-11	10/443,744	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Bi-directional customer premises wiring system and method	P748-00	09/456,921	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Bi-Directional Customer Premises Wiring System and Method	P748-11	10/153,858	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Wireless and xDSL residential gateway	P751-00	60/142,778	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Wireless and xDSL residential gateway and system	P751-01	09/612,562	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
DNS request interception and CPE URL registration	P752-00	60/160,592	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
DNS request interception and CPE URL registration	P752-10	09/693,116	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Electromagnetic interference shielding faceplate	P753-00	09/604,272	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.

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<u>Title</u>	<u>TPL Docket Number</u>	<u>Serial Number</u>	<u>Assignee Name</u>	<u>Current Firm</u>
Optical conversion device	P754-00	09/526,100	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
PPPoE proxy method	P756-00	60/173,856	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Method and apparatus for reliable testing of universal voice grade cards	P757-00	09/457,901	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
State machine based universal voice grade cards	P758-00	09/442,870	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Method and apparatus for ring generator testing on universal voice grade cards	P759-00	09/437,575	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Method and apparatus for verification and operation of universal voice grade cards	P760-00	09/454,249	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Line card for optical network unit mechanical enclosure	P762-00	08/920,926	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Method for establishing and adapting communication link parameters in xDSL transmission systems	P763-00	09/521,914	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Sonet/SDH add drop multiplexer for bundled voice, data and video	P764-00	60/200,456	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Media interface device	P765-00	09/525,412	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Home-based retail terminal for downloadable files	P768-00	60/203,270	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Extended reach VDSL	P773-00	09/770,661	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
DSL spectrum splitting for serving multiple subscribers	P774-00	09/783,020	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
POTS/xDSL services line sharing for multiple subscribers	P775-00	09/770,662	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
Web gateway	P778-00	60/228,692	Next Level	TECHNOLOGY, PATENTS

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<u>Title</u>	<u>TPL Docket Number</u>	<u>Serial Number</u>	<u>Assignee Name</u>	<u>Current Firm</u>
			Communications, Inc.	& LICENSING, INC.
Access integrating gateway	P787-00	60/230,467	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.
TRANSMITTING CALLER ID WITHIN A DIGITAL STREAM	P788-10	10/411,381	Next Level Communications, Inc.	TECHNOLOGY, PATENTS & LICENSING, INC.